



Natural Heritage & Endangered Species Program

Massachusetts Division of Fisheries & Wildlife

Please submit field forms, a copy of a USGS map, and all supporting documentation to the State Botanist at:

Natural Heritage and Endangered Species Program
Massachusetts Division of Fisheries and Wildlife
Route 135, Westborough MA 01581
(508) 389-6360

Invasive Exotic Species Observation Form

Invasive Species (name): _____ Survey Date: _____
Survey Site: _____ Today's Date: _____
Managed Area? Yes ☐ No ☐ Managed Area Name: _____
Town: _____ County: _____ USGS Quad Name: _____
GPS: Yes ☐ No ☐ Lat: _____ Long: _____

Please provide map (preferably USGS topographic) with location of invasive exotic species clearly marked.

For details, a sketch map may be included on a separate sheet and attached to this form

Directions:

Habitat Type: (circle one)

Edge	Herbaceous Wetland	Aquatic – Pond or Stream	Roadside
Early Successional Forest	Shrub Wetland	Dune	Yard/Garden
Late Successional Forest	Forest Wetland	Field/Open Area	Agriculture Field
Planted Forest	Salt Marsh	River/Streambank	Utility Right of Way
Other (please describe): _____			

Associated Species:

Occurring With Other Invasive Species? Yes ☐ No ☐

Which one(s)? _____

(if YES, please fill out additional forms OR use the IPANE invasives site report form – available at NHESP or NEWFS or available online at www.nhesp.org.

Occurring With State-Listed (Rare) Species? Yes ☐ No ☐

Which one(s): _____

If Yes, what is the effect of this invasive exotic species on the Rare Plant population (check all that apply)?

Crowding ☐ Shading ☐ Out-competing for space or nutrients ☐ No effect noted ☐
Other ☐ (please specify): _____

List, in order of abundance from 1-5, the most common species within this habitat type, as appropriate

Top 5 species in the canopy	Top 5 species in the shrub layer	Top 5 species in the herb layer
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.
5.	5.	5.

Population Size:

Size of infested area (circle appropriate units): _____ sq. meters / hectares / sq. feet / sq. yards / acres

Does this include the full extent of this species at this survey site: Yes ☐ No ☐

Estimated Number of Plants: 1 ☐ 2-10 ☐ 11-100 ☐ 101-1,000 ☐ 1,001-10,000 ☐ >10,001 ☐

Actual Number (if possible): _____

Distribution of Population at Site:

Infrequent ☐
Evenly Throughout ☐
Small Patches ☐

Large Patches ☐
Densely Throughout ☐

Estimated % cover of habitat type:
_____ %

Are species invading into naturally or minimally managed habitats? Yes ☐ No ☐

Are species invading disturbed or extensively managed habitats? Yes ☐ No ☐

Is there any evidence of how this species originated at this site? Yes ☐ No ☐

If YES, explain: _____

Distance to closest disturbance: Trail: _____
(circle appropriate units) Road: _____ meters / feet / yards / km / miles
Powerline: _____
Outer edge (if in a forest) _____
Other (please specify): _____

Condition of Plants

Vegetative? Yes ☐ No ☐ Flowering? Yes ☐ No ☐ Fruiting? Yes ☐ No ☐

Seedlings present? None ☐ Few ☐ Common ☐ Abundant ☐

Have you seen this site in previous years? Yes ☐ No ☐ When? _____

If YES, how has this invasive exotic species population changed over time?

Reduced in numbers ☐ No change ☐ Small increase in numbers ☐ Large increase in numbers ☐

Seed Dispersal Observed? Yes ☐ No ☐

If YES, please note the observed seed dispersal mechanisms, ex. birds, wind, mammals, people etc:

Disturbances: (comment on unnatural and natural disturbances to the habitat and/or ecological processes, ex. ORV, dumping, nearby development, dams, mowing, beavers, storm damage, wind throw, etc.)

No disturbances ☐

Photograph Taken? Yes ☐ No ☐ Specimen Collected? Yes ☐ No ☐ Herbarium where deposited: _____

May we use your photo (with credit to you) for presentations or publications? Yes ☐ No ☐

Digital Photos can be submitted to NHESP at: natural.heritage@state.ma.us

(Be sure to note your name, the survey site, and the survey date with digital photos submitted electronically)

Contact information:

Surveyor Name: _____

Other observers: _____

Address: _____

Email: _____ Telephone: _____